SORAMITSU 8 YEARS ソラミツ

A MEMO TO THE SORA COMMUNITY

SEPTEMBER 2024

This document accompanies the invoice sent to SORA for the services provided by SORAMITSU.

September 2024 was an incredible month of accomplishments. The SORA Integrated Plan continues to be the roadmap for the SORA network development pipeline, and the progress rate has steadily advanced.

This memo will provide a perspective on the activities for each track, a description of the development activities specific to this month, and the total amount of hours presented in invoice number 900110 served to the SORA Community.

1   SORA (Substrate) – 4,865 hrs

This month's work focuses on the tokenomics upgrade, Kensetsu, the Multi EVM bridge, the TON bridge, ALT Technology, and the RegDeFi proof of concept.

The Kensetsu platform is constantly improving, progress on business metrics development is ongoing, and educational materials are being crafted to foster widespread use. Additionally, support for Kensetsu USD-based pairs within liquidity pools and the order book is being worked on.

Work on the tokenomics upgrade included removing chameleon pools and finalizing requirements for the second phase of the implementation.

The implementation of the ALT (Aggregate Liquidity Technology) has been released, and extensive testing iterations are ongoing. Education collaterals and feature documentation to showcase its use and features are in progress, along with optimising liquidity sources within the network for compatibility.

The Multi-EVM bridge is still being actively tested in the development environment. The security audit has been completed, and the feedback raised is being worked on. An implementation to support bridging to the Binance Smart Chain is ongoing.

Development on the bridge between the SORA network and The Open Network (TON) is ongoing. The technology research and architecture definition for this implementation is almost complete. Support for the TON bridge in the front end, the security audit, and testing are ongoing simultaneously.

Progress on the RegDeFi (formerly DeFi-R) proof of concept is steady. QA work is currently underway, and a collaboration with Polkaswap for a front-end web implementation and test cases is ongoing.

Opening HRMP channels to other Polkadot ecosystem networks has made steady progress. Their governance approved the proposal to open a channel to Moonbeam, which is now on the OpenGov platform. The outcome is currently in favour of opening the chain. Conversations and governance processes with other networks to open new channels are also ongoing. A bridge to the Polkadot Asset Hub is currently under development, with testing and implementation ongoing.

Additional work on SORA Substrate infrastructure includes updating the Polkadot SDK and implementing Ink! Smart contract support and research are needed to update the structure of assets for better upgradeability in the future.

Collaboration and blockchain architecture research for SORA v3, including integration or interoperability with Central Bank networks, is ongoing.

Finally, ongoing project management activities include SORA Governance and Technical committee support, quality assurance ops, and development support for external teams building on the SORA network.

On the mobile side, testing of SORA Card Phase 2 is underway, integrating the fiat wallet feature and optimising cross-communication of the fiat wallet application to the SORA wallet, integrating the final set of updates required from external partners, and working on improvements to the KYC flow.

1.1 SORA Backend

- Kensetsu:
  - Continuous improvement of the implementation;
  - Development of business metrics for monitoring product;
  - Collaborating with the Marketing team on initiatives for education.

- Tokenomics Upgrade:
  - Remove Chameleon pools;
  - Work on the requirements for the second phase of the upgrade.

- Multi-EVM Bridge:
  - Testing the bridge;
  - Working on feedback from the security audit;
  - Researching and implementing support for Binance Smart Chain (BSC).

- TON Bridge:
  - Technology research and definition of architecture;
  - Implementing support for the bridge to TON;
  - Testing bridge;
  - Going through a security audit.

- Aggregate Liquidity Technology (ALT):
  - Testing and fixing activities;
  - Writing documentation and article.

- RegDeFi Proof of Concept:
  - Implementation and fixing of implementation from QA feedback;
  - Collaboration with Polkaswap team for implementation on Web;
  - Testing activities.

- Builders:
  - Establishing requirements for features for project with builders;
  - Implementation and improvement of the vesting feature for a project with builders;
  - Implementation and improvement of the multi-signature accounts feature for a project with builders.

- Others:
  - Documentation on the structure of assets: ExtendedAssets;
  - Upgrading Polkadot SDK version to v1.11.0;
  - Implementing support for Ink! Smart contract;
  - Implementation and testing of bridge to AssetHub;
  - Implementation of SB token and Kensetsu vaults;
  - Brainstorming for implementation and improvements for DEX base pairs.

- Codebase maintenance, cleaning, and optimisation;
- Collaboration and research on blockchain architecture for central banks powered by SORA (SORA v3);
- Project management activities (daily meetings, planning, retrospectives);
- Quality assurance and testing activities, as well as the development of automated tests.

1.2 Mobile Apps

- Testing and updating Phase 2:
  - Updating implementation based on changes from external partners;
  - Integration of fiat wallet application;
  - Cross-app communication between SORA and Fiat wallets;
  - Improvements in KYC flow.

- Maintenance of middle-ware for communication with partners' back-end;
- Project management activities (daily meetings, planning, retrospectives);
- Product Design activities;
- QA and testing activities;
- Communicating and synchronizing with external partners for SORA Card: Phase 2;
- Collaborating with Fearless Wallet to integrate.

2 Substrate (PSWAP) – 802 hrs

Polkaswap has received a substantial amount of ongoing improvements, including:

- HASHI Bridge: TON integration;
- Connect Wallets Redesign:
  - Added Substrate and EVM wallets auto-detect;
  - Added predefined and recommended Substrate and EVM wallets;
  - Simplified the user's flow during wallet connection;

- Prepared the mainnet release supporting Aggregate Liquidity Technology (ALT);
- Improvements to the Point System:
  - Started the calculations for the mainnet version of the Subquery indexer with new criteria (governance, order book, liquidity provision, XOR Native staking, Kensetsu, deposits);
  - Worked on integrating the new criteria.

- RegDeFi integration:
  - Overall Polkaswap migration from assetInfo to assetInfo v.2;
  - Fixed UI issues from the public testnet version;
  - Prepared for the mainnet release.

- Implemented Hide balances by rotating the screen feature for the Telegram Mini App;
- Improved Asset Management:
  - "Add multiple assets" support;
  - Added favourite assets;
  - New asset filters support (Native, Kensetsu, Synthetics, CERES).

- Developed New Settings side menu;
- Added a new period filter for chart-based widgets;
- Integrated New dialogues to Add & Remove liquidity;
- Improved theme changes in the Telegram Mini App;
- Enhanced Swap page styles & widgets;
- Enhanced swap page styles;
- Project management activities (daily meetings, planning, retrospectives);
- Product Design activities;
- QA and testing activities.

3 DevOps and Security – 476 hrs

The work done this month by DevOps covers the SORA network as well as its underlying infrastructure. Here are more details:

3.1 SORA Blockchain

- Improved CI/CD pipeline:
  - Improved library
- New alerting rules.

3.2 Parachain

- Improved CI/CD pipeline:
  - Improved library

3.3 Polkaswap

- Improved CI/CD pipeline;
- Working on fault tolerance.

3.4 Mobile Clients

- Updated CI/CD pipeline:
  - Super Wallet CI/CD;
  - Upgraded autotests pipelines;
  - Improved library.

3.5 SORA Card

- Google account and apps management;
- Working on Infrastructure hardening.

4 Education – 702 hr

Educational operations this month included:

4.1 SORA

- Ongoing wiki Improvements;
- Social media management;
- KEN and KARMA reward communications;
- SORATOPIA Campaign including:
  - Collaboration with other Telegram games;
  - Strategic Growth and SMM.

- Weekly network digest recap;
- Curio DAO AMA;
- vXOR campaign including:
  - Article;
  - AMA.

- SORA network upgrade communications;
- ISO 20022 informative article;
- Relationship management with parachain teams to open HRMP channels;
- Discussions with potential partners to integrate their services into the SORA wallet and integrate SORA DeFi services into their product;
- Alignment and coordination for business-oriented initiatives;
- Ongoing SORA wiki maintenance and feature documentation covering new releases for users and builders;
- Cross-team, cross-department synchronization and planning on processes;
- Product-Marketing collaboration on marketing campaigns;
- Product-education collaboration on campaigns;
- Data analysis of the network and ecosystem to drive data-driven decision-making;
- Meeting and brainstorming with builders partners for implementing projects on SORA;
- Brainstorming, strategising, and planning for SORA v3;
- SORA evangelisation at industry events and conferences.

4.2 Polkaswap

- Social media management;
- Polkaswap v1.40 communications;
- KBTC listing communications;
- Picture-in-picture feature communications;
- Polkaswap Telegram mini app promotion.

- Expenses of attending high-impact in-person events and business-to-government (B2G) meetings.

5   Total Hours – 6,665 hr

Additionally, invoice 900109, attached, pertains to cloud server costs for September 2024.

Your ongoing support is greatly appreciated, and we look forward to continuing to serve you.

Sincerely,

SORAMITSU Helvetia AG

SORA TRUST

Invoice

Invoice for
SORA.org

Payable to
Sora Trust

Issue Date
15 October 2024

Invoice Number
ST900109

Project
Cloud Service Provider Cost for September 2024

Due Date
22 October 2024

Description	Amount (CHF)
Cloud Service Provider Cost for September 2024	11,954.00

Subtotal	**11,954.00**
Tax	**0.00**

Total Amount Due   **CHF 11,954.00**

* Payment can be made in equivalent KUSD, at the market rate.

Wallet Address :   **cnRus2m2Rn776v88H5RUtyiaXtr3daN6ePn6yenLKepx1SqYo**

Thank you very much for your business. We are looking forward to serving you again.

SORA TRUST

Invoice

Invoice for	Payable to		Issue Date	Invoice Number
SORA.org	Sora Trust		15 October 2024	ST900110
	Project		**Due Date**	
	Development Cost for September 2024		22 October 2024	

Description	Quantity (Work-Hours)	Unit Price (CHF)	Amount (CHF)
SORA (Backend, Mobile Apps)	4,685	333.00	1,560,105.00
Polkaswap (Backend, Frontend)	802	333.00	267,066.00
DevOps and Security Review	476	333.00	158,508.00
Education	702	333.00	233,766.00
Subtotal	**6665**	**333.00**	**2,219,445.00**

	Subtotal	**2,219,445.00**
	Tax	**0.00**

Amount Due   CHF 2,219,445.00

Grand Total Due (Invoice ST900109 & ST900110)   CHF 2,231,399.00

* Payment can be made in equivalent KUSD, at the market rate.

Wallet Address :   cnRus2m2Rn776v88H5RUtyiaXtr3daN6ePn6yenLKepx1SqYo

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